

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for PALMATINE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Berberis vulgaris	Root				Jim Duke's personal files.
Berberis vulgaris	Plant				--
Berberis vulgaris	Bark				Jim Duke's personal files.
Berberis vulgaris	Stem				Jim Duke's personal files.
Coptis chinensis	Rhizome				--
Coptis spp	Rhizome				--
Coptis japonica	Rhizome				--
Corydalis spp	Plant				--
Jateorhiza palmata	Root		20000.0		--
Mahonia aquifolium	Root				Kostavolva, D., Brazdovicova, B., Tomko, J. 1981. Isolation of Quaternary Alkaloids from Mahonia aquifolium (Pursh) Nutt. I. Chem Zvesti, 35: 279-283.
Mahonia repens	Root				--
Mahonia fargesii	Bark				Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in Dayecihuangbai (Mahonia fargesii) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.
Mahonia aquifolium	Plant				--
Mahonia aquifolium	Wood				Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of Mahonia aquifolium (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
Mahonia aquifolium	Bark				Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of Mahonia aquifolium (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
Mahonia aquifolium	Leaf		13.0		Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of Mahonia aquifolium (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
Mahonia japonica	Sprout Seedling				Ikuta, A. and Itokawa, H. 1982. Studies on the Alkaloids from Tissue Culture of Nandina domestica. Plant Tissue Cult Proc Int Congr Plant Tissue Cell Cult 5th: 315316.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mahonia fargesii	Stem				Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in Dayechuangbai (Mahonia fargesii) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.
Mahonia aquifolium	Shoot				--
Mahonia repens	Stem				Suess, T. R. and Stermitz, F. R. 1981. The Constituents of Castilleja rhexifolia, Mahonia repens and Oncidium cebolleta. Dissertation Abstract Int B, 42: 1025-1026.
Mahonia gracilipes	Root				Lu, G. H., Chen, J. M., Wang, L. W., Xiao, P. G. 1995. Chemical Constituents of Mahonia gracilipes (Oliv.) Fedde. Huaxi Yaoxue Zazhi, 10(4): 202-204.
Mahonia fargesii	Root				Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in Dayechuangbai (Mahonia fargesii) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.
Phellodendron amurense	Bark				--
Stephania glabra	Root				--